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(75) Title: PANCREATIC CANCER ASSOCIATED ANTIGEN, ANTIBODY THERETO, AND DIAGNOSTIC AND TREATMENT METHODS

(77) Abstract: The present invention is directed to an antigen found on the surface of rat and human pancreatic cancer cells and
provides antibodies of high specificity and selectivity to this antigen as well as hybridomas secreting the subject antibodies. Methods
for both the diagnosis and treatment of pancreatic cancer are also provided. This tissue marker of pancreatic adenocarcinoma, an approximately 43.5 kD surface membrane protein designated PaC-A-Ag, is completely unexpressed in normal pancreatic adenocarcinoma, an approximately 43.5 kD surface membrane protein designated PaC-A-Ag, is completely unexpressed in normal pancreatic adenocarcinoma, an approximately 43.5 kD surface membrane protein designated PaC-A-Ag, is completely unexpressed in normal pancreatic adenocarcinoma, an approximately 43.5 kD surface membrane protein designated PaC-A-Ag is completely unexpressed in normal pancreatic adenocarcinoma, an approximately 43.5 kD surface membrane protein designated PaCa-Agl, is completely unexpressed in normal pancreas but abundantly expressed in pancreatic carcinoma cells. Moreover, a soluble form of PaCa-Agl exists, having a molecular weight about 36 to about 38 kD, that is readily identified in sera and other body fluids of pancreatic cancer patients, using a subject antibody.





INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/01196

A. CLASSIFICATION OF SUBJECT MATTER				
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According to International Patent Classification (IPC) or to both national classification and IPC				
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
MEDLINE, WEST				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category * Citation of document, with indication, where appropriate, of the relevant passages				Relevant to claim No.
A	2004 (05.09.2004) see entire document			1-24
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Further	documents are listed in the continuation of Box C.		See patent family annex.	
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